



2008/2009

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April 28, 2010

Mr. Tom King  
General Manager  
Clean Harbors Environmental Services  
Seatac, Washington

**RE: Alaskan Copper Works TRI Reporting for 2008 and 2009**

Mr. King,

You have requested information pertaining to past SARA Title III reporting services conducted by Clean Harbors on behalf of Alaskan Copper Works (ACW) in Seattle, Washington. Until recently Clean Harbors prepared and submitted Annual Washington State Dangerous Waste Reports, Pollution Reduction Plan (P2) base year and annual updates, EPCRA TRI reports, Stormwater quarterly discharge monitoring reports (DMR's) and a variety of on-site compliance auditing services. Clean Harbors assumed ACW services from Romic Environmental Services (RET) in February 2008.

You are specifically inquiring about whether or not EPCRA Section 313 form R or A reports were submitted to EPA for 2008 and 2009. Section 313 requires manufacturing facilities, like ACW, to submit an annual toxic chemical release report for specified chemicals used in manufacturing and processing in amounts greater than threshold quantities. An annual Form R report covers releases and transfers of toxic chemicals to various facilities and environmental media, and allows EPA to compile the national Toxic Release Inventory (TRI) database.

Be advised that no annual reports were filed with EPA during the 2008 by RET and 2009 by Clean Harbors. This was based on a 2008 RET review of all reportable chemical substances used by ACW and specifically chromium which is contained in purchased bulk stainless steel stock and then cut or reshaped as finished a product.

During 2008 RET began reducing the chromium VI content in ACW's stainless steel cuttings or (slag) within the manufacturing process to remove a RCRA waste code (D007) and allow for de-regulation of the waste slag for recycling.

During testing of the chromium VI and III content, RET apparently determined that the chromium III content was less than 1.0% or less than 10,000 parts per million (ppm) with chromium VI content less than 0.01 % or less than 100 ppm. RET used this data as the basis for determining threshold quantities noted in table II of the EPCRA section 313 chemical list as it applies to grinding and cutting operations involving chromium compounds.

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During the 2008 Clean Harbors acquisition of RET assets, ACW customer files prior to February 2008 were shipped to RET in Houston, TX. Clean Harbors has only partial or incomplete RET documentation prior to 2009 reporting year but was made aware that RET submitted a memo of explanation to EPA on behalf of AWC for the 2008 reporting period.

Clean Harbors has conducted numerous testing on chromium VI content in ACW slag waste treated in 2008, 2009 and 2010. These tests reveal consistent low or non detectable levels of chromium VI which suggests validity in RET's threshold quantity determination for chromium.

Sincerely,

Matthew Dunn  
Clean Harbors Environmental Services  
Clackamas, Oregon

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